

What the invention claimed is:

1. A Serial ATA interface connector comprising:

5 a connector body, said connector body comprising a plurality of terminal holes longitudinally extended through a rear side thereof, two top locating blocks upwardly protruded from a top wall thereof near the rear side, and two bottom locating blocks downwardly protruded from a bottom wall thereof near the rear side;

10 a plurality of terminals respectively mounted in the terminal holes of said connector body, said terminals including short terminals and long terminals alternatively arranged in parallel, said terminals each having a rear end extended out of the rear side of said connector body and terminating in a vertically extended conductor holder, said conductor holder having an upwardly extended Y-shaped retaining notch;

15 a bottom cover shell, said bottom cover shell comprising a cable chamber, two locating holes adapted to receive the bottom locating blocks of said connector body, a plurality of terminal slots adapted to accommodate the conductor holders of said terminals, a plurality of upright guide rods symmetrically disposed at two opposite lateral sides, two recessed portions longitudinally disposed at two opposite lateral sides, and a
20 plurality of upright hooks;

a Serial ATA interface cable inserted into the cable chamber of said bottom cover shell, said Serial ATA interface comprising a plurality of conductors respectively engaged into the Y-shaped retaining notches of the conductor holders of said terminals; and

a top cover shell covered on said bottom cover shell to hold down said connector body and said Serial ATA interface cable, said top cover shell comprising a cable chamber adapted to accommodate said Serial ATA interface cable, two locating holes adapted to receive the top locating
5 blocks of said connector body, a plurality of guide holes adapted to receive the upright guide rods of said bottom cover shell, a plurality of hook holes adapted to receive the upright hooks of said bottom cover shell, and two protruding portions adapted to engage the recessed portions of said bottom cover shell.

10 2. The Serial ATA interface connector as claimed in claim 1, wherein the locating holes, positioning holes, guide holes, and hook holes of said top cover shell are formed in an inside wall of said top cover shell and kept from sight after connection of said top cover shell to said bottom cover shell.

15